

CLAIMS

1. Loose-fill insulation mixture comprising:
a mixture comprising fiberglass and cellulose, where the mixture comprises from about 15-60% cellulose and from about 40-85% fiberglass; and
wherein the loose-fill insulation has an R-value/inch of at least about 2.4 when blown dry into and/or onto an area including a flat supporting surface.
2. The loose-fill insulation of claim 1, wherein the mixture comprises from about 20-50% cellulose.
3. The loose-fill insulation of claim 1, wherein the mixture comprises from about 25-45% cellulose.
4. The loose-fill insulation of claim 1, wherein the mixture has an R-value/inch of at least about 2.5.
5. The loose-fill insulation of claim 1, wherein the mixture has an R-value/inch of at least about 2.6.
6. The loose-fill insulation of claim 1, wherein the mixture has an R-value/inch of at least about 2.7.
7. The loose-fill insulation of claim 1, wherein the mixture has an initial density of from 0.55 to 1.25 lbs./ft³.
8. The loose-fill insulation of claim 1, wherein the mixture has an initial density of from 0.6 to 0.8 lbs./ft³.
9. The loose-fill insulation of claim 1, wherein the provision of the cellulose in the mixture increases the R-value/inch of the mixture by at least 5% for a given density of the mixture, compared to 100% loose-fill fiberglass insulation.

10. Loose-fill insulation mixture comprising a mixture comprising fiberglass and cellulose, where the mixture has an R-value/inch of at least about 2.5 when blown dry into and/or onto an area including a flat supporting surface.

11. The loose-fill insulation of claim 10, wherein the mixture comprises from about 20-50% cellulose.

12. The loose-fill insulation of claim 10, wherein the mixture comprises from about 25-45% cellulose.

13. The loose-fill insulation of claim 10, wherein the mixture has an R-value/inch of at least about 2.6.

14. The loose-fill insulation of claim 10, wherein the mixture has an R-value/inch of at least about 2.7.

15. The loose-fill insulation of claim 10, wherein the mixture has an initial density of from 0.55 to 1.25 lbs./ft³.

16. The loose-fill insulation of claim 10, wherein the mixture has an initial density of from 0.6 to 0.8 lbs./ft³.

17. The loose-fill insulation of claim 10, wherein the provision of the cellulose in the mixture increases the R-value/inch of the mixture by at least 5% for a given density of the mixture, compared to 100% loose-fill fiberglass insulation.

18. The loose-fill insulation of claim 10, wherein the provision of the cellulose in the mixture increases the R-value/inch of the mixture by at least 7% for a given density of the mixture, compared to 100% loose-fill fiberglass insulation.

19. The loose-fill insulation of claim 10, wherein the provision of the cellulose in the mixture increases the R-value/inch of the mixture by at least 10% for a given density of the mixture, compared to 100% loose-fill fiberglass insulation.

20. An insulation mixture comprising:
a mixture comprising fiberglass and cellulose, and
wherein the mixture comprises from about 15-70% cellulose and from about 30-85% fiberglass.

21. The insulation of claim 20, wherein the insulation is adapted to be blown into an attic area or into a vertically extending wall cavity.

22. The insulation of claim 20, wherein the mixture comprises from about 20-50% cellulose.

23. The insulation of claim 20, wherein the mixture comprises from about 25-45% cellulose.

24. The insulation of claim 20, wherein the mixture has an R-value/inch of at least about 2.5.

25. The insulation of claim 20, wherein the mixture has an R-value/inch of at least about 2.7.

26. The insulation of claim 20, wherein the mixture has an initial density of from 0.55 to 1.25 lbs./ft³.

27. The insulation of claim 20, wherein the mixture has an initial density of from 0.6 to 0.8 lbs./ft³.

28. The insulation of claim 20, wherein the provision of the cellulose in the mixture increases the R-value/inch of the mixture by at least 5% for a given density of the mixture, compared to 100% fiberglass insulation.

29. A method of installing a loose-fill insulation mixture, the method comprising:

providing an insulation mixture comprising fiberglass and cellulose, where the mixture comprises from about 15-60% cellulose and from about 40-85% fiberglass; and

blowing and/or spraying the loose-fill mixture comprising fiberglass and cellulose into an attic or vertical wall cavity.